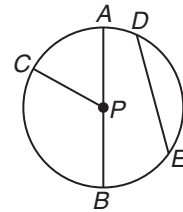
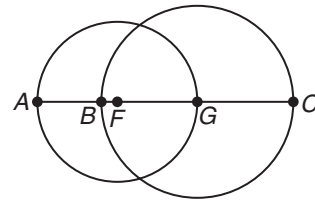


**10-1 Skills Practice*****Circles and Circumference*****For Exercises 1–5, refer to the circle at the right.**

1. Name the circle.
2. Name a radius.
3. Name a chord.
4. Name a diameter.
5. Name a radius not drawn as part of a diameter.
6. Suppose the diameter of the circle is 16 centimeters. Find the radius.
7. If  $PC = 11$  inches, find  $AB$ .

**The diameters of  $\odot F$  and  $\odot G$  are 5 and 6 units, respectively. Find each measure.**

8.  $BF$ 9.  $AB$ 

**The radius, diameter, or circumference of a circle is given. Find the missing measures to the nearest hundredth.**

10.  $r = 8$  cm

$d = \underline{\hspace{2cm}}, C \approx \underline{\hspace{2cm}}$

11.  $r = 13$  ft

$d = \underline{\hspace{2cm}}, C \approx \underline{\hspace{2cm}}$

12.  $d = 9$  m

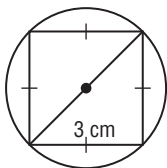
$r = \underline{\hspace{2cm}}, C \approx \underline{\hspace{2cm}}$

13.  $C = 35.7$  in.

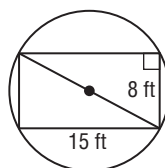
$d \approx \underline{\hspace{2cm}}, r \approx \underline{\hspace{2cm}}$

**Find the exact circumference of each circle.**

14.



15.

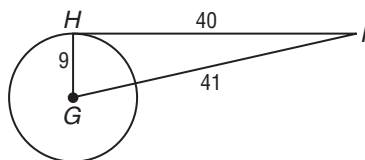


# 10-5 Skills Practice

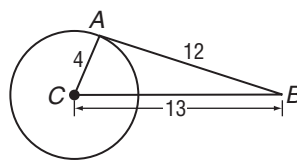
## Tangents

Determine whether each segment is tangent to the given circle.

1.  $\overline{HI}$

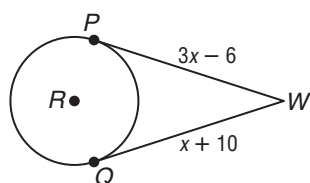


2.  $\overline{AB}$

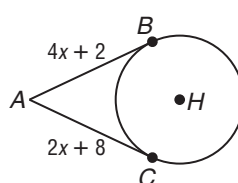


Find  $x$ . Assume that segments that appear to be tangent are tangent.

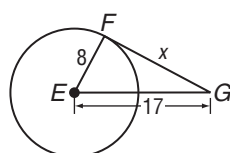
3.



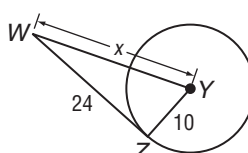
4.



5.

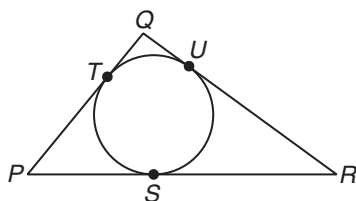


6.



Find the perimeter of each polygon for the given information. Assume that segments that appear to be tangent are tangent.

7.  $QT = 4$ ,  $PT = 9$ ,  $SR = 13$



8.  $H I J K$  is a rhombus,  $SI = 5$ ,  $HR = 13$

